

Docket No. 217 – Development and Management Plan Inspection

Northeast Utilities Service Company Certificate of Environmental Compatibility and Public Need for the construction of a 345-kV electric transmission line and reconstruction of an existing 115-kV electric transmission line between Connecticut Light and Power Company's Plumtree Substation in Bethel, through the towns of Redding, Weston, and Wilton, and to the Norwalk Substation in Norwalk, Connecticut.

Date: April 19, 2006

Inspector: Don Ukers and Ann Schwenzer

Location: Transition Stations: Hoyts Hill, Archers Lane, Norwalk Junction

Storm/

Rain Event: Approximately 0.28" of precipitation was recorded on 4/13 as reported by NOAA

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Access Roads and Adjacent Roadways	- Hoyts Hill: Access is gained off Hoyts Hill Road. Sediment tracking was not observed on the roadway and access into the pad has been improved. 4/6-4/19/06.	-None at this time. Active work was not noted. 4/19/06.	-N/A.
	- Archers Lane: Water levels at the wetland crossings on the access road to the ROW remain below problem levels. 4/19/06.	-Crossings and controls are in good shape with the exception of attention needed near the first wetland. 4/19/06.	-N/A
	-Restoration efforts were noted along the access drive at the adjacent homeowners. 4/19/06	-None at this time. 4/19/06	-N/A
	- Norwalk Junction: Sediment tracking did not appear to be an issue at this time. Erosion/ wash-outs remain along the slopes of the swale. 2/16-4/19/06.	-Continue to monitor Rt. 7 at the main access pad. 3/2-4/19/06. - See erosion control section for more details on the swales/sediment. 2/16-4/19/06.	-N/A
Foundation construction	- At Hoyts Hill: A small area of 345kV XLPE excavation remains at the base of the slope. 4/6-4/19/06.	-The station pad itself is in good shape and the northern slope is well restored. 4/19/06.	-N/A

Areas of Inspection	Observation	Recommended Action	Corrected Actions
	<p>-345kV XLPE associated excavations were complete at the time and no active work was noted on the pad. 4/19/06.</p> <p>-At Archers Lane, foundation work continues within the station pad. 3/29-4/19/06.</p> <p>-At Norwalk Junction: Work continues on the structures in the station pad including several large excavations. 3/15-4/19/06.</p> <p>-Stone was being placed in the bottom of the excavations. 4/19/06</p>	<p>- None at this time, the areas remain contained. 4/19/06</p> <p>-None at this time. The area is contained. 4/19/06.</p> <p>- See erosion control section for more information. 4/19/06.</p>	<p>-N/A</p> <p>-N/A</p> <p>-N/A</p>
Erosion and Sediment Controls	<p>-Hoyts Hill: The perimeter silt fence along the wetlands at the rear of the station remains in good shape. 4/6-4/19/06.</p> <p>- Erosion control mats and blankets remain on the northern slope and new grass growth was observed. 4/19/06.</p> <p>-The southern gully and less severe erosion along the face of the southern silt fence still needs attention. 1/26-4/19/06.</p>	<p>-Monitor and maintain the fence as necessary and continue to monitor for any sediment accumulation. 4/6-4/19/06.</p> <p>- Continue to monitor the condition of the mats and slopes. 4/6-4/19/06.</p> <p>-Plan to repair/stabilize the southern slope as well and potentially extend the outlet. 1/26-4/19/06.</p>	<p>- N/A</p> <p>-N/A (grass growth was noted)</p>
	<p>- Archers Lane: Sediment was removed beyond the fence and at the 2nd wetland but efforts are still needed at the 1st wetland. 4/19/06.</p> <p>-Restoration efforts to seed and mulch were noted along the access drive at the adjacent homeowners property.</p>	<p>Any easily accessible deposits of sediment need to continue to be removed. Fine layers of silt can remain. 4/6-4/19/06</p> <p>-None at this time. 4/19/06</p>	<p>-Restoration efforts were noted.</p>

Areas of Inspection	Observation	Recommended Action	Corrected Actions
Erosion and Sediment Controls continued	- Norwalk Junction: For the most part, haybales remain along the perimeter fence on site as an additional control. 4/6-4/19/06. However, Haybales are missing or in need of repair along a portion of the perimeter fence. 4/12-4/19/06.	- The haybales appear to be working well for the most part, keeping site mud and soil from reaching the silt fence. 2/16-4/19/06. Repair portions of the hay bale line where necessary 4/12-4/19/06.	
	-The old culvert near the silt fence and the river was observed. It still shows evidence of occasional flow, including sediment from the disturbed soil at the site. 3/15-4/19/06. -Haybales were placed near the inlet but sediment remains in and around the culvert. 4/12-4/19/06.	- The culvert needs to have haybales installed closer to the inlet if it is going to remain in place. Otherwise it should be removed/or the connection cut, completely 4/12-4/19/06.	
	-The wetland area outside the silt fence adjacent to the river shows some accumulated sediment 3/8-4/19/06. - Silt fence should be maintained in this location. 4/19/06.	- This area receives direct runoff from the site through the swale making water quality important. The adjacent site is disturbed resulting in this turbidity. 1/19-4/19/06.	
	- Sediment from small washouts along the slope of the swale introduces more potential for turbidity. 2/16-4/19/06.	- Sediment could be removed from the swale and the slumping or washouts should be repaired with further seeding or stabilization. 3/8-4/19/06.	
	-Silt fence was installed at the base of the stockpiles noted near the swale as recommended. 4/19/06.	- None at this time. 4/19/06	-Silt fence was installed.
Inland Wetland and Watercourse	- Hoyts Hill: The wetland remains well protected at this time. 4/6-4/19/06.	-Continue to monitor this area until slopes have stabilized completely .	- N/A.

Areas of Inspection	Observation	Recommended Action	Corrected Actions
encroachment and mitigation	<p>-Archers Lane: Watch run-off velocity down the completed slopes and walls. Efforts need to continue removing deposited sediment from the 1st wetland crossing. 4/19/06.</p> <p>- Norwalk Junction: The outlet of the drainage swale is at the headwall of the wetland area. Sediment has been an issue here in the wetlands but has not had a significant impact on the river. 12/30-4/19/06.</p>	<p>4/19/06.</p> <p>- Continue to remove the sediment from the wetland where there are significant buildups. 2/16-4/19/06.</p> <p>-See Erosion Control Section for more details. Reduce turbidity by controlling its source-disturbed surfaces on site. 12/30-4/19/06.</p>	-N/A
State species of concern, threatened and endangered species	- No species of concern are located in these areas of construction.	- N/A	-N/A
Vegetative clearing limits (including trees to save or danger trees noted)	<p>-Hoyts Hill: The southern slope still needs to be revegetated in the spring as necessary. Grass growth was occurring along the restored northern slope. 4/19/06.</p> <p>- Archers Lane: no additional clearing was noted here. 4/19/06.</p> <p>- Norwalk Junction: -No additional clearing is needed for the transition station work. 4/19/06. -Additional clearing associated with corridors in from the adjacent new ROW was complete. 4/19/06.</p>	<p>- Repairs to washouts on the south side will be needed. Determine whether additional seed will be necessary. 4/12-4/19/06.</p> <p>-None at this time. 2/23/06-4/19/06.</p> <p>- Restore areas along the perimeter of the station pad as feasible. 4/19/06.</p> <p>See Overhead Report for more details. 4/19/06</p>	<p>-The northern slope is stabilized with grass growing</p> <p>-N/A.</p> <p>- N/A until work is completed.</p> <p>-N/A</p>
Dewatering Hoyts Hill	-Dewatering was no longer noted here. Controls are still well in place. 4/6-4/19/06.	-None at this time. See erosion control section. 4/19/06.	-N/A

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Archers Lane	- Dewatering was not necessary at the time for the excavation. Haybales remain installed across the swale. 4/6-4/19/06	- None at this time. 4/19/06.	-N/A at this time
Norwalk Junction	-Any dewatering noted had clear outputs at the time. 4/19/06.	-None at this time. See erosion control section. 4/19/06.	-N/A
Blasting	- All blasting is complete at this time. 4/19/06	- None at this time.	-N/A
Soils	- Soil remains at the Archers Lane site from excavations but it is well contained. 4/19/06 - A number of soil stockpiles remain at Norwalk Junction as excavation continues. The large stockpiles near the swale now have silt fence installed. 4/19/06.	- None at this time 4/19/06. - Stockpiles remain contained. See erosion control section. 4/19/06.	-N/A -N/A
Spills and Material Storage	-No spills or leaks were noted at the time of inspection. 4/19/06	- Continue to keep all vehicles maintained well (i.e. no apparent fluid leaks) if they will be used or stored on site - Report spills immediately, even if they are being controlled. - Take care not to get carried away and to be vigilant when refueling. Avoid refueling in the areas near the wetlands. See proper storage for all materials.	-N/A at this time
Additional Observations			

Next likely scheduled inspection:

Wednesday April 26, 2006

I have personally examined and am familiar with the information submitted in this document and all attachments and certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief, and I understand that any false statements made in this document or its attachments may be punishable as a criminal offense in accordance with Section 22a-6 under Section 53a-157 of the Connecticut General Statutes.

Inspector's Signature: Diana Walden for Don Ukers



Hoyts Hill Transition Station: Photo shows the transition station pad where the active 345XLPE work was complete for now. 4/19/06



Photo on the left shows a view of the perimeter erosion controls which remain in fairly good shape. Photo on the right shows a view of the restored northern slope which was had some observable new grass growth. 4/19/06.



Archers Lane: Photo on the left shows a view of the cleared area from the ROW into the station. Photo on the right shows restoration efforts along the access drive. 4/19/06.



Photo on the left shows the 1st wetland crossing near the station. Sediment accumulation remains here and needs to be removed. Photo on the right shows excavation and erosion controls at an adjacent property. The work is unrelated to this project. 4/19/06.



Norwalk Junction: Photo shows the stockpile along the perimeter fence and silt fence installed as recommended. 4/19/06.



Photo on the left shows an overview of the foundation work and construction occurring within the yard. Photo on the right shows tower components being stored here with silt fence in good shape along the river. 4/19/06.